Anupam Banerjee

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A BRIEF OVERVIEW

IT Infrastructure Automation expertise with in-depth knowledge of **storage network, configurations and protocols**. Demonstrated knowledge in **storage network configuration automation** using **Bash Shell, PowerShell** and **Python**. Expertise in responsive **web designing and developing** with **Django framework** from scratch. Successful implementation of scripts with responsive frontend GUI for auto resolution of incidents, configuration changes and collection of system monitoring logs with analyzed graphical representation of the log data.

HIGHLIGHTS

- Python Scripting (Automation in storage network and storage device configurations)
- Bash Shell Scripting (Unix systems management)
- PowerShell Scripting (Windows and VM boxes management)
- Full stack Web Developer (Django framework)

TECHNICAL SKILLS

- Python scripting with open source modules
- Bash Shell Scripting
- PowerShell Scripting
- Django web framework
- HTML
- JavaScript
- CSS 3 and Bootstrap 3
- Database concepts and SQL
- OS Platforms - Unix, Windows, Ubuntu, DATA ONTAP
- Storage Network - NetApp SAN and NAS Storage Network Systems, brocade switches and ATTO bridges
- Networking and operating system concept
- Git - Version Control System (Intermediate)
- Adobe Photoshop and Adobe Illustrator – Used as Graphic Designing tool for Website Designing

LEARNING IN PROGRESS

- Ansible
- Container technology and Docker
- Preparing for AWS Certified Solutions Architect – Associate certification

TRAINING & CERTIFICATION

- Completed professional training and certification from KOENIG Solutions Ltd. on **NetApp Clustered Data ONTAP 8.3 Administration**.

EMPLOYMENT DETAILS

- *Payroll*: **Infosys Ltd.** (From February, 2016 to till date)
- *Client*: **Mercedes-Benz Research and Development India Pvt. Ltd.**
- *Role Job level*: 3
- *Role Designation*: Senior Systems Engineer
- *Total Experience*: 2.4 Years
- *Current CTC*: 4.8 LPA

REWARDS AND RECOGNITIONS

- Rewarded and Recognized as *'Best Innovator'* in Quarter 4 (Jan'18 – Mar'18) for successful implementation of the Inventory Web Tool (Centralized Inventory), the WebAutoUI tool (To automate general incident resolution) and few more scripts to automate repetitive general tasks.
- Rewarded and Recognized as *'Best Young Achiever'* in Quarter 1 (April'17 – June'17) for outstanding performance and successful implementation of multiple scripts to optimize resolution time for incident resolution and log collection.
- Recognized as a *'High Performer'* during Infosys Training.

PROJECT WORK EXPERIENCE

Storage Network (NAS and SAN) Configuration, Operations and Monitoring:
- Configuration, administration and Maintenance of NetApp Filers and Clusters including the management of iSCSI/FCP Networks, switches and ATTO bridges in a global storage infrastructure.
- Data Protection - Snapshot, Snapmirror, Snapvault, Snap Restore, Volume Copy, NDMP copy, Deduplication.
- Storage & Server performance monitoring and health check-up.
- Basic configuration and administration of EMC VNX and IBM storage systems.

Development of WebAutoUI (Completed)
- *Technology Used* - Django, Python, HTML, CSS, JavaScript, Bootstrap, Python Modules (Paramiko)
- *Details* – A web based tool, developed on Django web framework with SQLite database that can run predefined scripts for all general types of incidents and monitoring alerts. This reduces the alert resolution time by 50%. It features role based authentication and strict JavaScript data validation that removes human error during handing critical systems.

Development of Smart-Inventory (Completed)
- *Technology Used* - Django, Python, HTML, CSS, JavaScript, Bootstrap, Putty, Python Modules (xlrd, reportlab)
- *Details* – A web based inventory tool. Provides search facility for all installed systems and fetch all details related to the search key. Clean user friendly interface. One single and secure database. Fully functional putty embedded into the tool provides fast SSH connection to remote systems and export data to PDF features helps to download filtered results in PDF format.

Development of scripts to automate periodic log collection from NetApp storage devices (Completed)
- *Technology Used* – Python, Python Modules (xlrd, reportlab, pandas)
- *Details* - Developed multiple scripts for automatic and periodic log collection for NetApp storage systems and Brocade switches. All the scripts are designed to provide automatic mail updates with graphical representation of log data.

Development of Scripts to perform requests and tasks (Completed)
- *Technology Used* - Python Modules (Paramiko)
- *Details* - Developed multiple python and bash shell scripts to perform specific task and configuration changes in NetApp storage boxes like LUN provision, CIFS share/ NFS export creation etc. These scripts provide a quick and easy way to perform a predefined task.

ACADEMIC CREDENTIALS

Year	Degree	Board / University	DGPA / Percentage
2015	B-Tech	Maulana Abul Kalam Azad University of Technology, W.B. (WBUT)	8.44
2010	XII	West Bengal Council of Higher Secondary Education (W.B.C.H.S.E)	79.86%
2008	X	West Bengal Board of Secondary Education (W.B.B.S.E.)	81.89%

PERSONAL DETAILS

Date of Birth: 28-01-1993
Current Location: Bangalore, Karnataka
Language known: English, Bengali, Hindi (Only speaking).
Hobby: Drawing, listening to music, reading story books.